

**Table HTC4.** Greenland station precipitation (uncorrected) anomalies by season for 2011 relative to 1981-2010.

Station (Region), Latitude, Longitude	First year	Statistic	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	Winter (DJF)	Spring (MAM)	Summer (JJA)	SEP - AUG
Kangerlussuaq (W)	1976	Anomaly	-7	18	-2	-8	-8	-13	-11	-10	15	-18	-34	-55
67° 01' N		Rank	34	1	25	36	32	34	22	21	4	35	32	34
50° 42' W		Z-score	-1.2	4.5	-0.7	-1.0	-0.9	-1.1	-0.6	-0.5	1.5	-1.3	-1.4	-1.6
		driest year	1990	1989	2006	2011	1995	2000	1999	1977	1990	1995	1980	1980
		wettest year	2000	2011	1991	2005	2005	1994	1997	1991	2004	2005	1983	2005
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Nuuk (SW)	1890	Anomaly	17	-4	46	-22	-48	-28	-7	16	51	-24	-21	-116
64° 10' N		Rank	13	37	10	58	99	71	43	38	14	43	58	44
51° 45' W		Z-score	0.5	-0.1	1.4	-0.7	-1.0	-0.8	-0.1	0.3	0.7	-0.4	-0.3	-0.6
		driest year	1939	1933	1909	1902	1911	1913	1933	1966	1939	1930	1903	1949
		wettest year	1953	1890	1968	2006	1928	1979	1983	1984	1954	2005	1915	2005
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Narsarsuaq (SW)	1961	Anomaly	-8	-19	-4	-34	-18	-48	-4	19	-14	-56	-33	-208
61° 10' N		Rank	19	24	20	43	27	47	24	17	23	38	35	41
45° 25' W		Z-score	-0.2	-0.3	-0.1	-1	-0.5	-1.3	-0.1	0.4	-0.2	-1.0	-0.5	-1.1
		driest year	1966	2010	1962	1989	1974	2008	1992	1966	1976	1983	1983	1976
		wettest year	1996	1993	1998	1999	1987	1983	1966	1984	1966	1962	2009	1985
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Qaqortoq (SW)	1961	Anomaly	-31	-4	-29	-23	-5	-62	-57	23	-25	-56	-97	-293
60° 43' N		Rank	27	13	31	29	14	38	35	13	20	31	33	35
46° 03' W		Z-score	-0.6	-0.1	-0.5	-0.6	-0.1	-1.4	-1.0	0.4	-0.2	-0.7	-1.0	-1.1
		driest year	2004	1982	1994	1989	1985	1974	1992	1980	2010	1985	2010	2010
		wettest year	2005	1993	1983	1975	1987	1997	1982	1984	1992	1983	1984	1996

Station (Region), Latitude, Longitude	First year	Statistic	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	Winter (DJF)	Spring (MAM)	Summer (JJA)	SEP - AUG
Tasiilaq (SE)	1898	Anomaly	-24	12	50	53	-26	-31	-14	1	-80	76	-44	-34
65° 36' N		Rank	47	31	19	11	76	108	63	42	67	19	80	53
37° 37' W		Z-score	-0.3	0.2	1.0	1.2	-0.6	-1.1	-0.4	0.0	-0.7	1.1	-0.7	-0.2
		driest year	1948	1957	1940	1950	1941	1991	1954	1943	1931	1915	1924	1931
		wettest year	1972	1932	1964	1909	1903	1953	1901	1947	1972	1964	1901	1903
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Iloqqortoormiut (E)§	1950	Anomaly	18	112	4	36	49	3			160	89		
70° 29' N		Rank	13	2	21	5	2	23			2	3		
21° 57' W		Z-score	0.4	3.1	0.2	1.7	4.1	0.2			1.7	2.5		
		driest year	1955	1965	1992	1988	1958	1982	2001	1977	1986	1953	1950	1952
		wettest year	2008	1982	1976	2004	1970	1953	1970	1982	2008	1976	1969	2008
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Danmarkshavn (NE)	1949	Anomaly	0	5	24	17	5	<b>-5</b>	-11	27	-6	<b>46</b>	11	36
76° 46' N		Rank	16	14	3	7	8	<b>56</b>	39	4	23	<b>1</b>	13	10
18° 40' W		Z-score	0.0	0.4	1.8	1.3	1.0	-0.8	-0.7	1.6	-0.2	2.4	0.4	0.6
		driest year	1975	2010	1962	1962	1997	<b>2011</b>	2010	1973	1951	1962	2010	1951
		wettest year	2006	2008	1982	2006	2009	1954	1986	1990	2006	<b>2011</b>	1998	2006
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Station Nord (NE)	1961	Anomaly	-5	-1	9	0	4	-4	4	18	34	23	36	134
81° 36' N		Rank	16	14	5	14	9	19	10	6	11	11	9	12
16° 39' W		Z-score	-0.3	-0.1	0.5	0.0	0.3	-0.4	0.2	1.1	1.1	0.5	1.1	1.2
		driest year	1997	1994	1986	1986	1980	1990	1993	1988	1988	2006	1996	2006
		wettest year	2006	2010	2010	2010	1988	1994	1995	1999	2010	2010	1995	2010

§Anomalies are in mm water equivalent (w.e.), with respect to the 1981-2010 base period. No precipitation data exist from July and August 2011 for Illoqqortoormiut. In cases when the monthly precipitation is zero for two or more months, the next highest year is mentioned in the table. Bold values indicate values that meet or exceed 2 standard deviations from the base period. Red characters indicate record-setting values. The winter values include December from the previous year.